Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0827 Elkhorn

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	1.34	10/24/2018 10/24/2018	Zach Jojola

LM Start		Rating **	Α	Issue No.		5	
LIVI Start			- ' '				
LM End		Issue Type +	Ma	Location *		N/A	
Category	Category Earthen Levee		GPS La	atitud	e/Longitude		
Odicgory				Start		End	
Item		s & Maintena	nce		0		0
item	Manuals				٥		0
DWR ID DWR_RD0827_01_s _ 2013_5							
		Comn	nent Cod	de			
		Inspecto	or Comm	nent			
RD 827 ha	as a copy c	of the levee ma	anuals.				

No Photos

LM Start		Rating **	Α	Issue No.		7	
LM End		Issue Type +	Ma	Location *		N/A	
Category Earthen Levee				GPS La	atitud	le/Longitude	
Calegory				Start		End	
Item		y Supplies &			0		c
пеш	Equipmer	nt			0		c
DWR ID	DWR_RD0	0827_01_s _ 2013_7					
		Comn	nent Coc	łe			

No Photos

Inspector Comment

RD 827 shares a maintained stockpile of Flood Response Material with RD 785.

LM Start		Rating **	Α	Issue No.		9	
LM End		Issue Type +	Ма	Location *		N/A	
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Category				Start		End	
Item	Flood Preparedness & Training				0		0
item					0		0
DWR ID	DWR_RD0	827_01_f _ 201	4_9				
		Comn	nent Cod	le			
	Inspector Comment						
RD 827 wo	orks jointly	with RD 785	on Flood	Preparedn	ess	and Training	

No Photos

* Location LS : Land Side

WS: Water Side

N/A: Not Applicable

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected

A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0827 Elkhorn

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	1.34	10/24/2018 10/24/2018	Zach Jojola

LM Start	0.04	Rating **	A/W	Issue No.		6	
LM End	0.04	Issue Type +	Ма	Location *		WS	
Category	Earthen L	evee		GPS La	atitud	le/Longitude	
Calegory				Start		End	
Item	Erosion / I	Bank Caving		38.6748	33°	38.674833 °	
пеш				-121.6300	39°	-121.630039 °	
DWR ID DWR_RD0827_01_s _ 2018_6							
Comment Code							
E1: Note a	and monito	r erosion site					
		Inspecto	or Comm	nent			
Small rills beginning to form on waterside slope. Recommend monitoring.							

Photo 1 of 1: FA_2018_RD0827_187_6_20180904_00004.jpg

View of rills on the waterside slope. Spring 2018.

LM Start	0.34	Rating **	С	Issue No.		17	
LM End	0.34	Issue Type +	Ma	Location *	WS		
Category	evee	GPS La	titud	le/Longitude			
Category				Start		End	
Item	Erosion /	Bank Caving		38.6717	67°	38.671767°	
пеш			-121.6260	65 °	-121.626065 °		
DWR ID	DWR_RD0	R_RD0827_01_f _ 2017_17					
	Comment Code						

E1: Note and monitor erosion site.

Inspector Comment

Rill on waterside slope. Recommend monitoring.

No Photos

LM Start	0.45	Rating **	М	Issue No.		8	
LM End	0.45	Issue Type +	Ma	Location *	WS		
Category	GPS La	atitud	le/Longitude				
Category				Start		End	
Item	Encroachments			38.6706	38°	38.670638	C
item				-121.6246	52°	-121.624652	C
DWR ID	VR ID DWR_RD0827_01_s _ 2018_8						
Comment Code							
TR · Tree or limb							

TR : Tree or limb

Inspector Comment

Fallen tree on the waterside slope.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0827 Elkhorn

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	1.34	10/24/2018 10/24/2018	Zach Jojola

LM Start	0.51	Rating **	М	Issue No.		13	
LM End	0.51	Issue Type +	Ma	Location *		LS	
Category	Earthen L	evee		GPS La	atitud	le/Longitude	
Category				Start		End	
Item	Erosion / I	Bank Caving		38.6699	29°	38.669929 °	
пеш			-121.6237	76°	-121.623776 °		
DWR ID	DWR ID DWR_RD0827_01_s _ 2016_13						
		Comn	nent Cod	de			
E2 : Scheo	lule repair	of erosion site	e prior to	the next in	spe	ction.	
		Inspecto	or Comm	nent			
Rills cause	Rills caused by rain.						

LM Start	0.51	Rating **	М	Issue No.	13 (cont)
LM End	0.51	Issue Type +	Ma	Location *	LS

Photo 1 of 2 : FA_2018_RD0827_187_13_20180904_00008.jpg

View of the erosion on the landward side of the levee looking downstream. Spring 2016.

Photo 2 of 2: FA_2018_RD0827_187_13_20180904_00009.jpg



Updated view of runoff erosion site. LS slope. Fall 2016.

LM Start	0.61	Rating **	A/W	Issue No.		22	
LM End	0.92	Issue Type +	Ма	Location *	WS		
Category	Category Earthen Levee			GPS La	atitud	e/Longitude	
Category				Start		End	
Vegetation				38.6688	73°	38.665750 °	
Item	-121.62251					-121.618523°	
DWR ID DWR_RD0827_01_s _ 2012_22							
		Comn	nent Cod	de			
V8 : Enviro	onmental F	Requirements.					
			_				
		Inspecto	or Comm	nent			



Revegetation site spring 2012.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0827 Elkhorn

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	1.34	10/24/2018 10/24/2018	Zach Jojola

LM Start	0.61	Rating **	A/W	Issue No.	22 (cont)		
LM End	0.92	Issue Type +	Ma	Location *	WS		
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory				Start		End	
Item	Vegetatio		38.6688	73°	38.665750°		
пеш		-121.622513 °		-121.618523°			
DWR ID	DWR_RD0	827_01_s _ 201	2_22				
		Comn	nent Cod	de			
V8 : Enviro	onmental F	Requirements.					
Inspector Comment							

Photo 2 of 2 : FA_2018_RD0827_187_22_20180904_00013.jpg



View of the revegetation site on the waterward side of the levee looking downstream. Fall 2015.

LM Start	1.00	Rating **	М	Issue No.		15		
LM End	1.01	Issue Type +	Ма	Location *	WS			
Category	evee	GPS La	atitud	e/Longitude				
Category				Start		End		
Item	Encroachi	Encroachments			20°	38.664720°		
item				-121.617557 °		-121.617318°		
DWR ID DWR_RD0827_01_s _ 2017_15								
		Comn	nent Cod	de				
TR : Tree	or limb							
		Inspecto	or Comm	nent				
Prunings and fallen tree limbs on waterside levee slope.								

No Photos

LM Start	1.02	Rating **	A/W	Issue No.		18	
LM End	1.02	Issue Type +	Ma	Location *	WS		
Category Earthen Levee				GPS La	atitud	le/Longitude	
Category				Start		End	
Item	Erosion / I	Bank Caving		38.6646	90°	38.664690	0
пеш		-121.617266 °		-121.617266	0		
DWR ID	DWR_RD0	827_01_f _ 201	8_18				
		Comn	nent Cod	de			
E1: Note a	and monito	or erosion site					
		Inspecto	or Comm	nent			
Minor runo	ff on the w	aterside slope	e. Recon	nmend mor	nitori	ng.	

* Location	** Rating		+ Issue Type
LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0827 Elkhorn

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	1.34	10/24/2018 10/24/2018	Zach Jojola

LM Start	1.12	Rating **	М	Issue No.		3	
LM End	1.12	Issue Type +	Ма	Location *	WS		
Catagonia Earthen Levee				GPS La	atitud	e/Longitude	
Category	Category					End	
Item	Erosion / Bank Caving			38.6635	42°	38.663542°	
пеш	item				56°	-121.616056°	
DWR ID DWR_RD0827_01_f _ 2016_3							
		Comn	nent Cod	de			
E2 : Sched	dule repair	of erosion site	e prior to	the next in	spec	ction.	
		Inspecto	or Comm	nent			
Erosion on the crown and waterside slope from runoff.							

LM Start	1.12	Rating **	М	Issue No.	3 (cont)
I M End	1.12	Issue Type +	Ma	Location *	WS

Photo 1 of 3 : FA_2018_RD0827_187_3_20180904_00001.jpg

Updated view of erosion on waterside levee slope. Spring 2017.

Photo 2 of 3: FA_2018_RD0827_187_3_20180904_00002.jpg



Another view of erosion on levee slope. A hole on the waterside slope has widened due to runoff. Spring 2017.

LM Start	1.12	Rating **	М	Issue No.	3 (cont)
LM End	1.12	Issue Type +	Ma	Location *	WS



View of erosion on crown continuing to WS slope. Fall 2016.

*Location

LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown

** Rating

A : Acceptable N : Not Inspected/Rated M : Maintenance Deficiancy

C : Corrected Ob : Design & System Obsolescence

U : Unacceptable A/W : Acceptable but Monitor & Maintain

** Rating

A : Acceptable M : Minimally Acceptable C : Corrected Ob : Design & System Obsolescence

En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0827 Elkhorn

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	1.34	10/24/2018 10/24/2018	Zach Jojola

LM Start	1.14	Rating **	A/W	Issue No.		14	
LM End	1.14	Issue Type +	Ma	Location *	WS		
Category	Earthen L	evee		GPS L	atitud	e/Longitude	
Calegory				Start		End	
Item	Erosion / I	Bank Caving		38.6633	77°	38.663377°	
item				-121.615895 °		95° -121.615895°	
DWR ID DWR_RD0827_01_s _ 2017_14							
		Comn	nent Cod	de			
E2 : Sched	dule repair	of erosion site	e prior to	the next in	spec	tion.	
		Inspecto	or Comm	nent			
Minor eros	ion on wat	erside slope.	Recomn	nend monit	oring		
·							

Photo 1 of 1 : FA_2018_RD0827_187_14_20180904_00010.jpg



View of erosion on waterside levee slope. Spring 2017.

LM Start	1.21	Rating **	M	Issue No.		11		
LM End	1.21	Issue Type +	Ma	Location *		WS		
Category Earthen Levee			GPS Latitude/Longitude					
Category			Start		End			
Item	Encroachments			38.6625	46 °	38.662546 °		
item				-121.6150	83 °	-121.615083°		
DWR ID	827_01_s _ 201	7_11						
	Comment Code							

TR: Tree or limb

Inspector Comment

Fallen tree limbs on waterside levee slope.

No	Photos
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LM Start	1.30	Rating **	М	Issue No.		4	
LM End	1.30	Issue Type +	Ma	Location *		WS	
Category Earthen Levee				GPS Latitude/Longitude			
Calegory	Category			Start		End	
Item	Encroach	Encroachments			85°	38.661485	
ROIII				-121.6140	06°	-121.614006	
DWR ID	DWR_RD0	827_01_s _ 201	7_4				
		Comn	nent Cod	de			

TR: Tree or limb

Inspector Comment

Fallen tree limbs on waterside levee slope.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0827 Elkhorn

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	2.78	10/24/2018 10/24/2018	Zach Jojola

LM Start	0.15	Rating **	A/W	Issue No.		10		
LM End	0.16	Issue Type +	Ma	Location *				
Supplemental			GPS Latitude/Longitude					
Calegory						End		
Item	2017 Stor	2017 Storm Damage			78°	38.674583°		
пеш				-121.6428	06°	-121.642722 °		
DWR ID DWR_RD0827_02_f _ 2017_10								
	Comment Code							

Inspector Comment

Levee Evaluation Comments

Description: Site ID No:200

Site Designation:RD 827-02 Repair Type: Erosion Rating:Area of Concern Field Date:6/6/2017

Notes: no damage visible, ws armored with riprap

LM Start	0.15	Rating **	A/W	Issue No.	10 (cont)
LM End	0.16	Issue Type +	Ma	Location *	





N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence
En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0827 Elkhorn

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	2.78	10/24/2018 10/24/2018	Zach Jojola

LM Start	0.15	Rating **	A/W	Issue No.		10 (cont)		
LM End	0.16	Issue Type +	Ma	Location *				
Supplemental				GPS Latitude/Longitude				
Calegory	Category		Start		End			
Item	2017 Stor	m Damage		38.6747	78°	38.674583°		
пеш				-121.642806 °		-121.642722°		
DWR ID	D DWR_RD0827_02_f _ 2017_10							
	Comment Code							

Inspector Comment

Levee Evaluation Comments

Description: Site ID No:200

Site Designation:RD 827-02 Repair Type: Erosion Rating:Area of Concern Field Date:6/6/2017

Notes: no damage visible, ws armored with riprap



LM Start	2.62	Rating **	М	Issue No.		6	
LM End	2.62	Issue Type +	Ма	Location *		WS	
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Odlogory				Start		End	
Item	Encroachi	ments		38.6433	75°	38.643375	0
item				-121.6217	76°	-121.621776	0
DWR ID	DWR_RD0	827_02_s _ 201	8_6				
		Comn	nent Cod	le			
DE : Debri	S						
		Inspecto	or Comm	ent			
Fridge on t	he watersi	de slope.					

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0827 Elkhorn

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	2.78	10/24/2018 10/24/2018	Zach Jojola

LM Start	2.72	Rating **	A/W	Issue No.		14
LM End	2.74	Issue Type +	Ма	Location *		LS
Category	Earthen L	evee		GPS La	atitud	e/Longitude
Calegory		Start		End		
Slope Stability			38.6420	88°	38.641817°	
Item -12				-121.6209	72°	-121.620802°
DWR ID DWR_RD0827_02_s _ 2017_14						
Comment Code						
			_			
Inspector Comment						
Slope stability on landside levee slope near LMA pump.						

Photo 1 of 2	: FA_2018_RL	00827_188_14	1_20180904_0	0008.jp
-				
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		- No.	1	
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			04/12/20	17/0
200 mg	The said to	TO A CONTRACT OF THE PARTY OF T		

View of erosion and visqueen on landside levee slope. Spring 2017.

 LM Start
 2.72
 Rating **
 A/W
 Issue No.
 14 (cont)

 LM End
 2.74
 Issue Type +
 Ma
 Location *
 LS

Photo 2 of 2: FA_2018_RD0827_188_14_20180904_00009.jpg



Additional view of erosion on landside levee slope. Spring 2017.

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence
En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0827 Elkhorn

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	2.78	10/24/2018 10/24/2018	Zach Jojola

LM Start	2.72	Rating **	М	Issue No.	13		
LM End	2.73	Issue Type +	Ма	Location *			
Supplemental				GPS Latitude/Longitude			
Calegory				Start		End	
Item	2017 Storm Damage			38.6421	39°	38.642028 °	
item				-121.620750 °		-121.620667 °	
DWR ID DWR_RD0827_02_f _ 2017_13							
Comment Code							

Inspector Comment

Levee Evaluation Comments

Description: Site ID No:199

Site Designation:RD 827-01 Repair Type: Erosion Rating:Area of Concern Field Date:6/6/2017

Notes: landside. Visqueen has dried up and is no longer protecting the slope.

LM Start	2.72	Rating **	М	Issue No.	13 (cont)
LM End	2.73	Issue Type +	Ma	Location *	

Photo 1 of 6 : FA_2018_RD0827_188_13_20181025_00023.jpg



Updated view of sloughing on the landside slope. Fall 2018.

Photo 2 of 6: FA_2018_RD0827_188_13_20181025_00022.jpg



View of visqueen placed by LMA adjacent to pump. Fall 2018.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0827 Elkhorn

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	2.78	10/24/2018 10/24/2018	Zach Jojola

LM Start	2.72	Rating **	М	Issue No.	13 (cont)		
LM End	2.73	Issue Type +	Ма	Location *			
Supplemental				GPS Latitude/Longitude			
Category			Start		End		
Item	2017 Storm Damage			38.64213	9°	38.642028 °	
пеш	item				0°	-121.620667 °	
DWR ID	R ID DWR_RD0827_02_f _ 2017_13						
Comment Code							

Inspector Comment

Levee Evaluation Comments

Description: Site ID No:199

Site Designation:RD 827-01 Repair Type: Erosion Rating:Area of Concern Field Date:6/6/2017

Notes: landside. Visqueen has dried up and is no longer protecting the slope.

LM Start	2.72	Rating **	М	Issue No.	13 (cont)
LM End	2.73	Issue Type +	Ma	Location *	

Photo 3 of 6: FA_2018_RD0827_188_13_20180904_00004.jpg



Updated view of sloughing on landside slope. Fall 2017.

Photo 4 of 6: LEVAL_FA_2018_199_1231.jpg



Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0827 Elkhorn

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	2.78	10/24/2018 10/24/2018	Zach Jojola

LM Start	2.72	Rating **	М	Issue No.	13 (cont)		
LM End	2.73	Issue Type +	Ма	Location *			
Category				GPS Latitude/Longitude			
Calegory				Start		End	
ltom	2017 Storm Damage			38.64213	9°	38.642028°	
пеш	Item				o°	-121.620667°	
DWR ID	R ID DWR_RD0827_02_f _ 2017_13						
Comment Code							

Inspector Comment

Levee Evaluation Comments

Description: Site ID No:199

Site Designation:RD 827-01 Repair Type: Erosion Rating:Area of Concern Field Date:6/6/2017

Notes: landside. Visqueen has dried up and is no longer protecting the

slope.





Photo 6 of 6: LEVAL_FA_2018_199_1234.jpg



CR : Crown

LS : Land Side N/A: Not Applicable WS: Water Side

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected

+ Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence En: Enforcement